Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 10 Apr 2023 until 23:59 on Tuesday 11 Apr 2023

Forecast Issued on Sunday 09 Apr 2023 at 15:41

Confidence: High confidence for a turn to more unsettled conditions for the upcoming days with rain, showers and strong winds. Medium confidence on cloud details, and arrival times of rain and showers for first couple of days, but lower confidence later in the week.

Headline for Monday 10 Apr 2023: Band of rain and low cloud soon clearing. A showery afternoon following, often heavy at times with risk of hail and thunder.

Mountain weather hazards on Monday 10 Apr 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Sunny intervals	Heavy rain showers	Heavy rain showers	Heavy Rain	Heavy Rain
Precipitation probability							
60%	60%	40%	20%	40%	70%	70%	70%

Forecast for Monday 10 Apr 2023

Weather: Rain and low cloud and some stronger winds will clear away to the east around dawn to leave a bright morning with some sunny spells. Cloudier through the afternoon with an increasing risk of blustery showers. These are likely to be heavy at times with a risk of hail and thunder, and may band together to give some more prolonged spells of rain especially into the evening.

Chance of cloud-free hill tops above 600m: 30% early, quickly improving to 70%. 40% for the west during afternoon/evening in frequent showers, 60% in east.

Low Cloud and visibility: Extensive low cloud early on, with widespread bases down to 400-500m, although soon improving and breaking up, lifting above the tops with some brighter spells forming. However cloud is expected to be variable in frequent showers, falling as low as 500-600m at times with peaks likely to be in and out of cloud throughout the afternoon, especially in the west. More prolonged low cloud likelier into the late afternoon/evening in persistent showers. Visibility at times will be good, but quickly falling to very poor in showers and low cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 10 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/30 S	24/33 S	21/30 SW	19/27 SW	20/29 W	19/28 W	17/26 W	17/24 W	19/29 W
300	14/30 S	15/31 S	13/27 SW	14/27 SW	14/26 W	15/28 W	12/23 W	11/22 W	14/28 W
Valley	12/29 S	13/30 S	12/26 SW	12/23 SW	13/25 SW	13/26 SW	11/22 W	10/21 W	12/24 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	6/1	6/1	5/1	5/-0	4/-1	3/-2	2/-3	2/-4
300	8/4	8/4	8/5	8/5	8/4	6/2	5/2	5/1	4/-0
Valley	9/6	9/6	9/6	9/7	9/6	8/5	7/4	6/4	6/2
Freezing Level*	1800m	1900m	1300m	1100m	1100m	1000m	1000m	1000m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note the severe chill effect on the peaks.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 09 Apr 2023	0mm	0mm	0.2mm

Forecast for Tuesday 11 Apr 2023

Weather: A dry but chilly start with some clear skies, clouding over at times during the morning with showers possible, mainly across the west of the park. Drier through the middle part of the day with some brighter spells, before cloud increases from the west during the afternoon ahead of a band of rain and very strong winds that push through during the evening. Some heavier bursts expected, possibly falling as snow over higher peaks.

Maximum wind: Southwesterly 20-30mph, with gusts around 40mph over the summits.

Chance of cloud-free hill tops above 600m: 70% morning and afternoon, falling to 30% into the evening.

Low Cloud and visibility: Occasional cloud through the morning, most likely in the west, with bases down to 600m in showers. Cloud breaking up through middle part of the day, before extensive cloud moves in from the west from during the afternoon, initially at around 600-700m before lowering to 400m through the evening.

Temperature: **Valleys:** Plus 4 Celsius, rising to Plus 9 Celsius.
At 600m: Zero Celsius, rising to Plus 4 Celsius.
Freezing level: Around 700-800m early, rising above the peaks through the day.

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